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APPLICATION NO.	FII	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/957,475	0	9/21/2001	Yuji Kamo	53375/1445	4402
23838	7590	07/13/2005		EXAM	INER
KENYON &	KENY	NC	MARTINEZ, JOSEPH P		
1500 K STRE	ET NW				
SUITE 700			ART UNIT	PAPER NUMBER	
WASHINGTO	ON, DC	20005	2873		

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
Office Action Summan	09/957,475	KAMO, YUJI				
Office Action Summary	Examiner	Art Unit				
The MAN INC. DATE AND	Joseph P. Martinez	2873				
The MAILING DATE of this communication Period for Reply	appears on the cover sheet with	n the correspondence address				
A SHORTENED STATUTORY PERIOD FOR RETHE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CF after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a lf NO period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by since the provided part of the provided part of the period for reply will, by since the provided part of the provided	DN. R 1.136(a). In no event, however, may a replace. The statutory minimum of thirty briod will apply and will expire SIX (6) MONT tatute, cause the application to become ABA	oly be timely filed (30) days will be considered timely. HS from the mailing date of this communication. NDONED (35 U.S.C. § 133).				
Status						
1) ⊠ Responsive to communication(s) filed on 2 2a) □ This action is FINAL. 2b) ☑ 3) □ Since this application is in condition for all closed in accordance with the practice und	This action is non-final. Dwance except for formal matte	• •				
Disposition of Claims						
 4a) Of the above claim(s) <u>5-20,22,25,29,30</u> 5) ⊠ Claim(s) <u>1-4,21,23,24,26-28,31,32,34 and</u> 6) ⊠ Claim(s) <u>42 and 49-51</u> is/are rejected. 7) ⊠ Claim(s) <u>43 and 44</u> is/are objected to. 						
Application Papers						
9) The specification is objected to by the Exam 10) The drawing(s) filed on 21 September 2001 Applicant may not request that any objection to Replacement drawing sheet(s) including the co 11) The oath or declaration is objected to by the	f is/are: a) \square accepted or b) \square the drawing(s) be held in abeyand rrection is required if the drawing(s	e. See 37 CFR 1.85(a).) is objected to. See 37 CFR 1.121(d).				
Priority under 35 U.S.C. § 119		•				
12) ⊠ Acknowledgment is made of a claim for force a) ⊠ All b) □ Some * c) □ None of: 1. ☑ Certified copies of the priority docum 2. □ Certified copies of the priority docum 3. □ Copies of the certified copies of the application from the International Bu * See the attached detailed Office action for a	nents have been received. nents have been received in Ap priority documents have been r reau (PCT Rule 17.2(a)).	plication No eceived in this National Stage				
Attachment(s) 1) Notice of References Cited (PTO-892)	4) ☐ Interview Su	mmary (PTO-413)				
 Notice of Neterlands Ofted (1 10-032) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SE Paper No(s)/Mail Date <u>9-21-01</u>.) Paper No(s)	/Mail Date ormal Patent Application (PTO-152)				

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DETAILED ACTION

Specification

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 42 and 49-51 are rejected under 35 U.S.C. 102(b) as being fully anticipated by Aoki (6041193).

Re claim 42, Aoki teaches for example in fig. 3(a) and 3(b), a real image mode variable magnification finder optical system comprising: a variable magnification objective optical system having a positive optical power (col. 17, In. 20-22); an ocular optical (Oc) system having a positive optical power (col. 17, In. 55-56); and a plurality of reflecting surfaces (S8, S9, S13, S14) for erecting an image of an object to be observed; said objective optical system comprising, in order from an object side, a negative front subsystem (G1) including a plurality of movable lens units (G1, G2, G3)

and a rear subsystem including at least one reflecting surface (\$8, \$9) which is a rotationally asymmetric surface (col. 17, In. 49-51) and has a positive optical power (col. 17, In. 22).

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Re claim 49, Aoki teaches for example in fig. 3(a) and 3(b), a real image mode variable magnification finder optical system comprising: a variable magnification objective optical system having a positive optical power (col. 17, In. 20-22); an ocular optical system (Oc) having a positive optical power (col. 17, In. 55-56); and a plurality of reflecting surfaces (S8, S9, S13, S14) for erecting an image of an object to be observed; said objective optical system comprising a plurality of movable lens units (G1, G2, G3), two reflecting surfaces (S8, S9) each having a positive optical power (in the Yaxis and Z-axis, respectively), and a reflecting surface (S14) having a negative optical power (in the Z-axis) in this order from an object side; and at least one of said three reflecting surfaces being a rotationally asymmetric surface (col. 17, In. 49-51).

Re claim 50, Aoki teaches for example in fig. 3(a) and 3(b), a real image mode variable magnification finder optical system comprising: a variable magnification objective optical system having a positive optical power (col. 17, ln. 20-22); an ocular optical system (Oc) having a positive optical power (col. 17, In. 55-56); and a plurality of reflecting surfaces (S8, S9, S13, S14) for erecting an image of an object to be observed; said objective optical system comprising at least three lens units (G1, G2,

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G3) and at least three reflecting surfaces (S8, S9, S13, S14), and at least one of said three reflecting surfaces being a rotationally asymmetric surface (col. 17, In. 49-51).

Re claim 51, Aoki further teaches for example, at least one of said lens units included in said objective optical system is a fixed lens (col. 20, ln. 5-6).

Allowable Subject Matter

Claims 1-4, 21, 23, 24, 26-28, 31, 32, 34 and 39-41 are allowed.

Claims 43 and 44 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is an examiner's statement of reasons for allowance: the prior art taken alone or in combination fails to anticipate or fairly suggest the limitations of the claims, in such a manner that a rejection under 35 USC 102 or 103 would be proper.

The prior art fails to teach a combination of all the claimed features as presented in independent claims 1 and 41.

The following is a statement of reasons for the indication of allowable subject matter: the prior art taken alone or in combination fails to anticipate or fairly suggest the limitations of the claims, in such a manner that a rejection under 35 USC 102 or 103 would be proper. The prior art fails to teach a combination of all the claimed features as presented in dependent claims 43 and 44.

Specifically regarding claim 1, Aoki (6041193) teaches the state of the art of a real image zoom finder.

But, Aoki fails to explicitly teach said finder optical system satisfying the following condition: 0.02 < d(fw/ft²) < 0.4, where d is a distance from a first surface of said objective optical system to one of said reflecting surfaces positioned nearest to an object measured along an axial chief ray at a wide angle end, fw is a focal length of said objective optical system at a wide angle end, and ft is a focal length of said objective optical system at a telephoto end, as claimed.

Specifically regarding claim 41, Aoki (6041193) teaches the state of the art of a real image zoom finder.

But, Aoki fails to explicitly teach said finder optical system satisfying the following condition: $0.02 < d(fw/ft^2) < 0.7$ and $3.5 \le ft/fw \le 10$, where d is a distance from a first surface of said objective optical system to one of said reflecting surfaces positioned nearest to an object measured along an axial chief ray at a wide angle end, fw is a focal length of said objective optical system at a wide angle end, and ft is a focal length of said objective optical system at a telephoto end, as claimed.

Specifically regarding claims 43 and 44, Aoki (6041193) teaches the state of the art of a real image zoom finder.

But, Aoki fails to explicitly teach said finder optical system satisfying the following condition: $0.02 < d(fw/ft^2) < 0.7$ and $2.5 \le ft/fw \le 10$, where d is a distance from a first

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surface of said objective optical system to one of said reflecting surfaces positioned nearest to an object measured along an axial chief ray at a wide angle end, fw is a focal length of said objective optical system at a wide angle end, and ft is a focal length of said objective optical system at a telephoto end, as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph P. Martinez whose telephone number is 571-272-2335. The examiner can normally be reached on M-F 7:00 AM to 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Y. Epps can be reached on 571-272-2328. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JPM 7-6-05

DAVID SPECTOR PRIMARY EXAMINER